



Massachusetts Department of Environmental Protection  
Bureau of Resource Protection - Water Management Act Program

# WMA Form E - Cranberry Growers Application

Please complete Sections A, B, C, and/or D

## A. General Information

**Important:**

When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.



1. Name of cranberry bog

Name of Bog

Name of Entity/Corporation

2. Location of Bog

Town/City

Street/Location

Watershed in which bog is located

3. Contact Person

Name of Contact Person

Phone Number

Email address

Fax Number

4. Consultant Name and Contact Person (if applicable)

Name of Consultant

Phone Number

Email address

Fax Number

Name of Contact Person

Phone Number

Email address

Fax Number

5. Name and position of local community official(s) to whom you will send a copy of this application (located in community of the bog location)

Name

Position

Phone Number

6. Does the proposed work require an earth removal permit from the local community? ☐ Yes ☐ No

When is it proposed to seek that earth removal permit?

Date

Permitting Authority

7. Number of acres of bog to be permitted under this application

# of acres

8. Number of existing acres of bog to be permitted under this application

# of acres

9. Number of proposed acres of bog to be permitted under this application

# of acres



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### A. General Information (cont.)

10. Number of withdrawal points:

Existing

Surface Water

Groundwater

Proposed

Surface Water

Groundwater

Total:

11. Are the proposed withdrawal points going to be constructed during the construction time period of bog construction?

☐ Yes ☐ No

12. Do you have registered, permitted, and/or NRCS certified bog acreage in this watershed?

☐ Yes ☐ No

At this site?

☐ Yes ☐ No

13. If yes to any of Question 12, please provide a summary of your registered, permitted and/or certified acreage, including the registration number, permit number and/or date of certification, number of acres, location of bogs and location of withdrawal points.

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14. Are you required to file an Environmental Notification Form (ENF) with MEPA for this project?

☐ Yes ☐ No

15. When do you anticipate filing with MEPA?

Date

### Certification

I certify, under penalty of law, that this application and all attachments were prepared under my supervision, in accordance with a system designed to ensure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information submitted in this application, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete.

Signature of Applicant

Date

Title

-- continue to Section B (next page) --



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### B. Site Specific Information

1. Please provide the following information to your application in report format.

a. A locus map of the bog(s) on a USGS topographic quadrangle, including numbered location of your existing and proposed withdrawal points. Separate sheet should include in a tabular format the source(s) with latitude; longitude; type of well (bedrock/overburden); gravel pack; just screen.

b. A schematic of the bog, as currently constructed (if applicable) and the proposed bog(s). The schematic should include withdrawal and discharge points, stormwater and bog sections, with the acreage clearly indicated.

c. A proposed ten (10) year schedule for bog expansion, including the present application request.

d. If the bog(s) are registered, permitted and/or certified (R/P/C), include a historic record documenting the bog's construction since the date of R/P/C.

e. Describe the water management system, detailing storage capacity, how withdrawals points are utilized, tailwater recovery, flooding schemes, etc.

f. Include a water budget that identifies on a seasonal basis the volume of waters that are presently, and anticipated to be, utilized for irrigation and fall harvesting.

g. Has a Farm Plan been prepared for your bogs? ☐ Yes ☐ No

h. If yes, please provide the date of acceptance by NRCS.

\_\_\_\_\_  
Date

i. Who prepared the Farm Plan?

\_\_\_\_\_  
Name of Preparer

j. If no Farm Plan has been prepared, please submit a water conservation program and timetable for implementation. The program should address:

Flume and dike repair and maintenance

Irrigation practices

Tailwater recovery

Reuse of water and storage capacity requirements

Regrading of selected bogs

Sequential flooding of bogs

k. Are there any other agricultural operations within ¼ mile of your bogs? ☐ Yes ☐ No

l. If yes, please describe the impacts of your water withdrawal(s) on the watershed water supply or quality for any of these farming operations.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

m. Are there any public or private drinking water or irrigation wells within ½ mile of your bog property?

☐ Yes ☐ No

n. If yes, please provide a USGS topographic quadrangle or similar plan that plots the approximate location of these sources and types within ½ mile.

o. Will the proposed work require a local Conservation Commission filing? ☐ Yes ☐ No



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### B. Site Specific Information (cont.)

- p. When will this request be submitted to the local Conservation Commission? \_\_\_\_\_ Date \_\_\_\_\_
- q. If the Order of Conditions has already been granted, please attach a copy.
- r. If an Order of Conditions has not been granted, please attach the negative Determination of Applicability or any other relevant correspondence from the local Conservation Commission.

### C. Information on Surface Water Withdrawals

1. Name and address of existing and proposed withdrawal point(s):

Existing point(s)

Proposed point(s)

2. Is this water withdrawal point(s) already in operation? ☐ Yes ☐ No
3. If yes, has the withdrawal point(s) been previously registered or permitted? ☐ Yes ☐ No

Registration Number

Permit Number

Registration Number

Permit Number

4. Month and year the new withdrawal point is planned to be in operation. \_\_\_\_\_ Month \_\_\_\_\_ Year

5. Ponds and reservoirs:

Name of ponds/  
reservoirs \_\_\_\_\_

Total Surface Area \_\_\_\_\_

Total Storage Capacity \_\_\_\_\_  
acre/ft \_\_\_\_\_

Is the Safe Yield known? ☐ Yes ☐ No ☐ Yes ☐ No ☐ Yes ☐ No

Are they lined? ☐ Yes ☐ No ☐ Yes ☐ No ☐ Yes ☐ No

Does it have an intake? ☐ Yes ☐ No ☐ Yes ☐ No ☐ Yes ☐ No

6. Intake types (G=gravity, S=suction) ☐ G ☐ S ☐ G ☐ S ☐ G ☐ S

Max. capacity of intake pumps \_\_\_\_\_  
gpm \_\_\_\_\_

7. Are these withdrawals metered? ☐ Yes ☐ No

8. If yes, which ones?



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### D. Information on Groundwater Withdrawals

- | 1. Name(s) of withdrawal point(s) | Max. GPM | In operation?                | Reg or Permit No. |
|-----------------------------------|----------|------------------------------|-------------------|
| a. _____                          | _____    | <input type="checkbox"/> Yes | _____             |
|                                   |          | <input type="checkbox"/> No  |                   |
| b. _____                          | _____    | <input type="checkbox"/> Yes | _____             |
|                                   |          | <input type="checkbox"/> No  |                   |
| c. _____                          | _____    | <input type="checkbox"/> Yes | _____             |
|                                   |          | <input type="checkbox"/> No  |                   |
2. If any groundwater source(s) have had a detailed pumping test performed, please provide a copy. If only a construction pump test has been performed, please provide a copy of the well driller's report.
3. Are these withdrawals metered? If so, which ones?
- a. \_\_\_\_\_ b. \_\_\_\_\_ c. \_\_\_\_\_
4. When were the meters last calibrated?
- a. \_\_\_\_\_ b. \_\_\_\_\_ c. \_\_\_\_\_
- Date                                      Date                                      Date
5. How often do you record meter readings? \_\_\_\_\_